(19) World Intellectual Property Organization International Bureau



- 1 10170 10170 1017 10170 10170 10170 10170 10170 10170 10170 10170 10170 10170 10170 10170 10170 10170 10170

(43) International Publication Date 4 November 2004 (04.11.2004)

PCT

(10) International Publication Number WO 2004/095334 A1

(51) International Patent Classification7:

.

G06F 17/60

(21) International Application Number:

PCT/KR2003/002338

(22) International Filing Date:

4 November 2003 (04.11.2003)

(25) Filing Language:

Korean

(26) Publication Language:

10-2003-0025987

English

(30) Priority Data:

24 April 2003 (24.04.2003) KR

(71) Applicant (for all designated States except US): LOWWIN.COM CO., LTD. [KR/KR]; 3rd Fl., Wonjae plaza, 38-23, Samsung-dong, Kannam-gu, 135-090 Seoul (KR).

(71) Applicant and

(72) Inventor: SUNG, Do Heon [KR/KR]; #101-1107, Line Apartment, 628-15, Deungchon-dong, Gangseo-gu, 157-030 Seoul (KR).

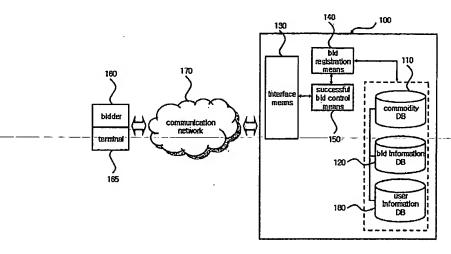
- (74) Agent: SONG, Young Gun; Muhann Patent & Law Firm, 5th Floor, Youngpoong Bldg., 142, Nonhyun-dong, Kangnam-gu, 135-749 Seoul (KR).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD FOR PROVIDING AUCTION SERVICE VIA THE INTERNET AND A SYSTEM THEREOF



(57) Abstract: Disclosed herein is a method and apparatus for providing an auction service via the Internet. The auction service providing method includes the step of maintaining a commodity information database (DB). Thereafter, a bid information DB is maintained. Bid request data including specific bid price information is received from bidders. The bid request data is recorded in bid registration fields of the bid table. Successful bidders are determined according to predetermined criteria. The predetermined criteria are based on the bid price information of the bid registration field and the number of items of the bid request data. The step of determining one or more successful bidders comprises the steps of calculating the number of items of the bid request data, and selecting bid registration fields having a smallest number of items of bid request data, and selecting a bid request field having a lowest bid price, and determining bidders having registered bid request data in the selected bid registration field to be successful bidders.

75500/700CC

INTERNATIONAL SEARCH REPORT

International application No. PCT/KR03/02338

A CDADSMICATION OF SUBJECT MALL	A.	CLASSIFICATION	OF SUBJECT	MATTER
---------------------------------	----	----------------	------------	--------

IPC7 G06F 17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC G06F 17/60

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean patents and applications for inventions since 1975 and Korean utility models and applications for utility models since 1975 Japanese utility models and applications for utility models since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 2000-53683 A (Kim Sun Min) 5 SEPTEMBER 2000 see the abstract and claims	1-9
Y	KR 2001-97247 A (Back Jin Wook) 8 NOVEMBER 2001 see the whole document	1-2,9
A	KR 2001-29173 A (Kim You Shin) 6 APRIL 2001 see the abstract and claims	1-2,9

Further documents are listed in the continuation of Box C.	See patent family annex.
* Special categories of cited documents:	"T" later document published after the international filing date or priority
"A" document defining the general state of the art which is not considered	date and not in conflict with the application but cited to understand
to be of particular relevance	the principle or theory underlying the invention
"E" carlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be
"L" document which may throw doubts on priority claim(s) or which is	considered novel or cannot be considered to involve an inventive step when the document is taken alone
cited to establish the publication date of citation or other	"Y" document of particular relevance; the claimed invention cannot be
special reason (as specified)	considered to involve an inventive step when the document is
"O" document referring to an oral disclosure, use, exhibition or other	combined with one or more other such documents, such combination
means	being obvious to a person skilled in the art
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family
unan tile priority date claimed	
Date of the actual completion of the international search	Date of mailing of the international search report
18 DECEMBER 2003 (18.12.2003)	10 DECEMBED 2002 (10 12 2002)
16 DECEMBER 2003 (16.12.2003)	19 DECEMBER 2003 (19.12.2003)
Name and mailing address of the ISA/KR	Authorized officer
Korean Intellectual Property Office	Armen
920 Dunsan-dong, Seo-gu, Daejeon 302-701,	KANG, Gab Youn
Republic of Korea	1 15 11 11 11 11

Telephone No. 82-42-481-5914

Facsimile No. 82-42-472-7140